

Title (en)

Lactobacillus fermentum CECT 7472 strain with probiotic properties

Title (de)

Stamm vom Lactobacillus fermentum CECT 7472 mit probiotischen Eigenschaften

Title (fr)

Souche de bactérie Lactobacillus fermentum CECT 7472 ayant des propriétés probiotiques

Publication

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Application

EP 11382132 A 20110506

Priority

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Abstract (en)

The invention relates to a Lactobacillus fermentum strain with probiotic properties and enhanced activity against enteropathogens. The strain is Lactobacillus fermentum CECT 7472, which may be used as an ingredient in edible products, while maintaining its beneficial gastrointestinal health properties.

IPC 8 full level

C12N 1/20 (2006.01); **A23L 29/00** (2016.01); **A61K 35/74** (2006.01); **A61K 35/747** (2015.01); **C12R 1/225** (2006.01)

CPC (source: EP)

A23L 33/135 (2016.07); **A61K 35/747** (2013.01); **C12N 1/205** (2021.05); **A23V 2002/00** (2013.01); **A23V 2200/3204** (2013.01); **A23V 2400/143** (2023.08); **C12R 2001/225** (2021.05)

Citation (applicant)

- KOTSOU ET AL.: "In vitro Assessment of Probiotic Properties of Lactobacillus Strains from Infant Gut Microflora", FOOD BIOTECHNOLOGY, vol. 22, 2008, pages 1 - 17, XP008142919, DOI: doi:10.1080/08905430701707844
- FRICK ET AL.: "Lactobacillus fermentum Attenuates the Proinflammatory Effect of Yersinia enterocolitica on Human Epithelial Cells", INFLAMM. BOWEL DISEASE, vol. 13, 2007, pages 83 - 90, XP002659271, DOI: doi:10.1002/IBD.20009
- BAO: "Screening of potential properties of Lactobacillus fermentum isolated from traditional dairy products", FOOD CONTROL, vol. 21, 2010, pages 695 - 701, XP026835977
- MOJGANI: "Screening of locally Isolated Acid Bacteria for Use as Probiotics in Poultry in Iran", THE JOURNAL OF POULTRY SCIENCE, vol. 44, 2007, pages 357 - 365, XP002659270
- FRICK ET AL.: "Lactobacillus fermentum Attenuates the Proinflammatory Effect of Yersinia enterocolitica on Human Epithelial Cells", INFLAMM. BOWEL DISEASE, vol. 13, pages 83 - 90, XP002659271, DOI: doi:10.1002/IBD.20009
- BAO ET AL.: "Screening of potential properties of Lactobacillus fermentum isolated from traditional dairy products", FOOD CONTROL, vol. 21, 2010, pages 695 - 701, XP026835977
- MOJGANI ET AL.: "Screening of locally Isolated Acid Bacteria for Use as Probiotics in Poultry in Iran", THE JOURNAL OF POULTRY SCIENCE, vol. 44, 2007, pages 357 - 365, XP002659270
- VAZQUEZ ET AL.: "Application of GIQLI questionnaire to two groups of healthy yogurt consumers", NUTR HOSP-2005, vol. 20, pages 420 - 428

Citation (search report)

- [XD] BAO: "Screening of potential properties of Lactobacillus fermentum isolated from traditional dairy products", FOOD CONTROL, vol. 21, 2010, pages 695 - 701, XP026835977
- [XD] MOJGANI NAHEED ET AL.: "Screening of locally isolated lactic acid bacteria for use as probiotics in poultry in Iran", JOURNAL OF POULTRY SCIENCE, vol. 44, no. 4, October 2007 (2007-10-01), pages 357 - 365, XP002659270, ISSN: 1346-7395
- [AD] FRICK JULIA-STEFANIE ET AL.: "Lactobacillus fermentum attenuates the proinflammatory effect of Yersinia enterocolitica on human epithelial cells.", INFLAMMATORY BOWEL DISEASES JAN 2007 LNKD- PUBMED:17206643, vol. 13, no. 1, January 2007 (2007-01-01), pages 83 - 90, XP002659271, ISSN: 1078-0998

Cited by

CN104531549A; CN104430847A; CN108464509A; CN104381440A

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